
CDF Operations Report

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Fermilab**

**All Experimenters Meeting
July 16, 2007**



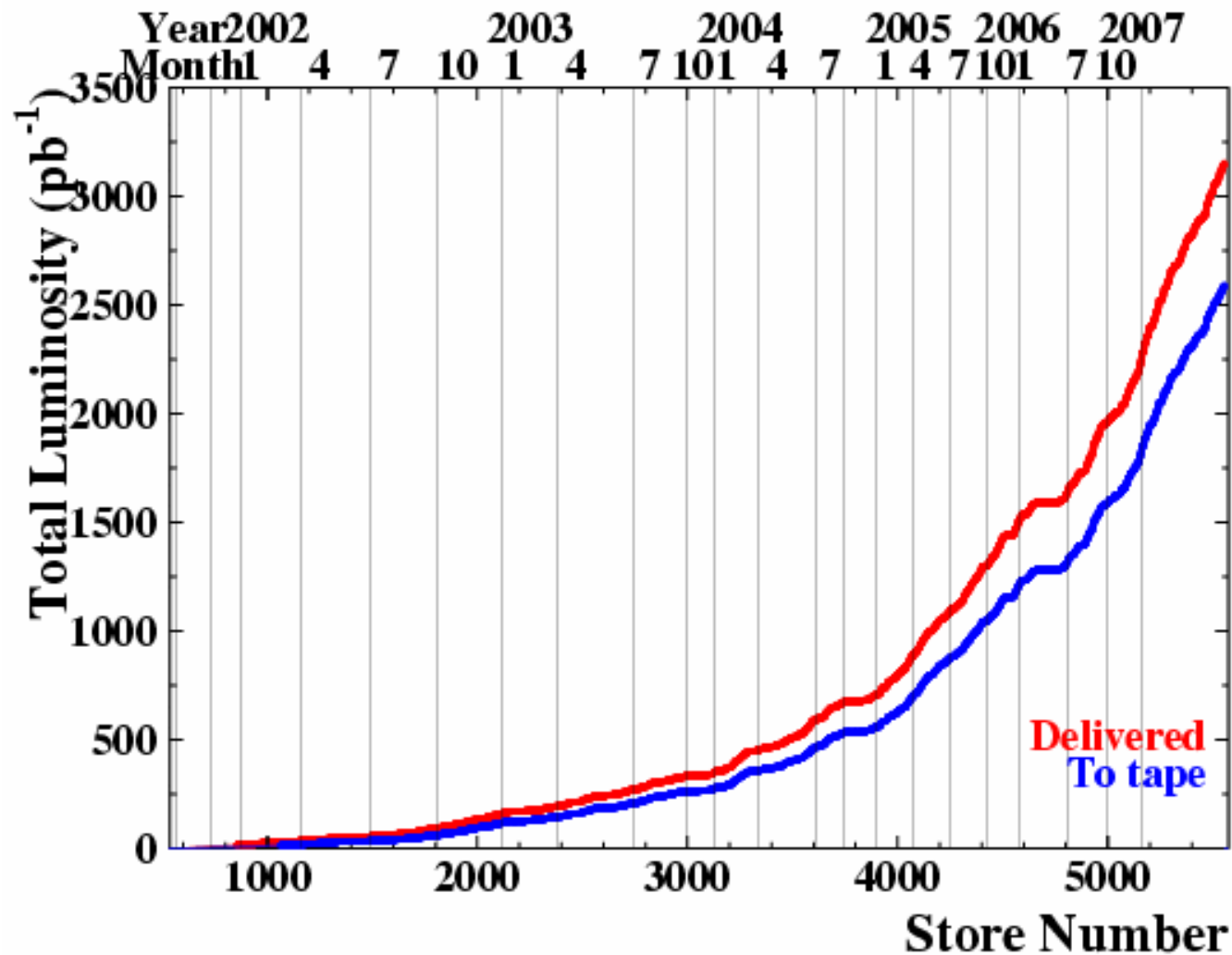
Store Summary (July 9-16)

Store	Start Date	Hours	Init. Lum	Deliv. Lum (pb ⁻¹)	Live Lum (pb ⁻¹)	Good w/SVX (pb ⁻¹)	Comments
5543	7/09 Mon	24.6	147.9	4.62	3.53 76.3%	3.22 69.6%	IP adjustment (CDF at EOS), L2 tests, lost power to L1/L2 rack
5544	7/10 Tue	18.1	182.3	5.76	5.01 87.0%	4.97 86.3%	L2 upgrade tests
5549	7/12 Thu	22.3	136.5	4.50	3.94 87.6%	3.92 87.1%	L2 upgrade tests
5551	7/13 Fri	24.3	201.4	6.74	5.74 85.1%	5.67 84.2%	L2 upgrade tests, Silicon calibration
5552	7/14 Sat	8.0	140.1	1.68	1.36 80.9%	1.36 80.9%	Pre-shower detector HV
5553	7/15 Sun	14.4	128.1	3.32	2.83 85.1%	2.81 84.5%	L2 upgrade tests, Readout card for Forward Cal
5554	7/15 Sun	12.9	157.9	3.70	3.23 87.4%	3.23 87.4%	
Total		127.0		30.32	25.63 84.5%	25.18 83.0%	No major problems, Ran well

CDF Operations

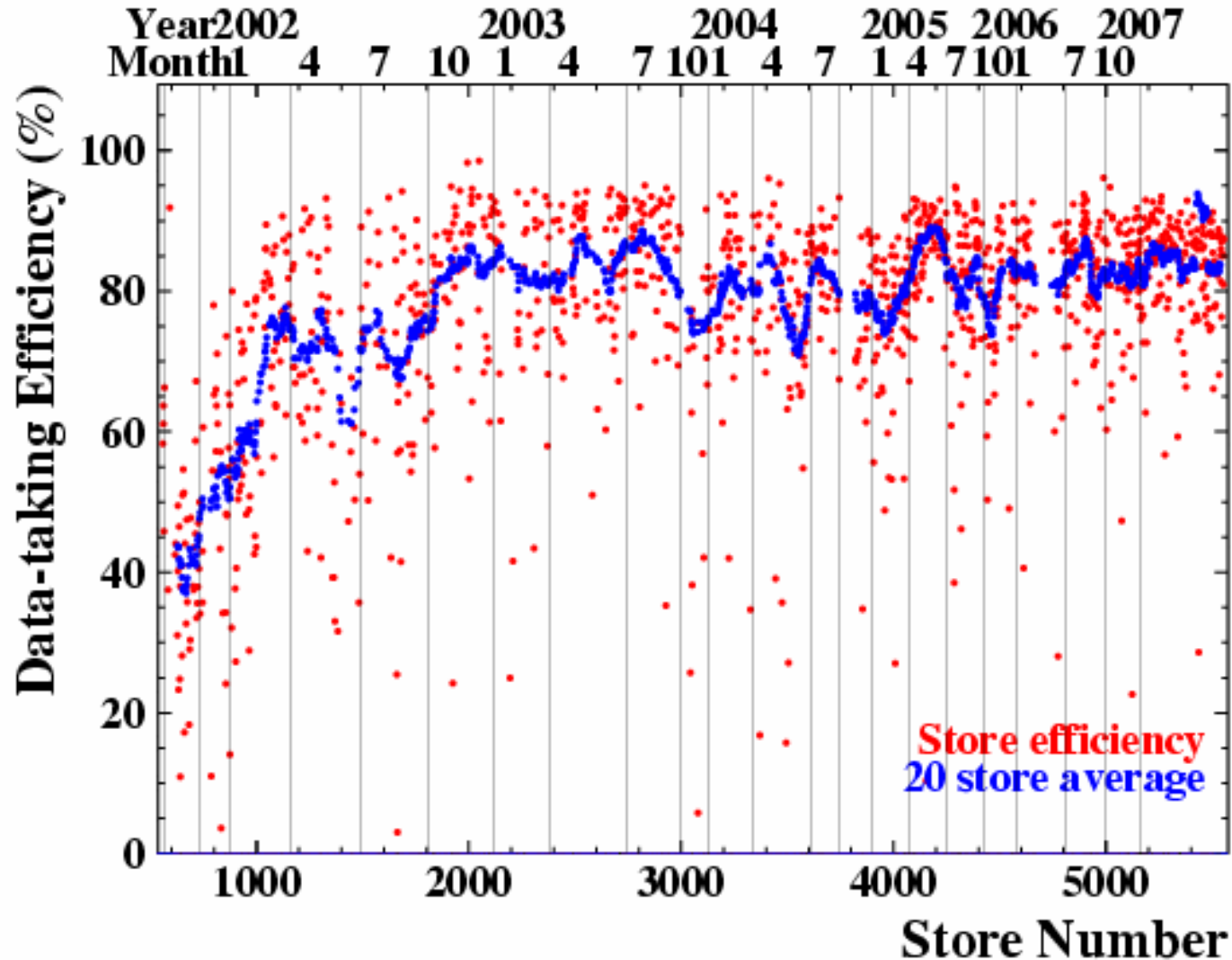
- **Thanks MCR/run coordinator for granting access time!**
- **2-shift Supervised access on Wed, July 11**
 - **work in collision hall**
 - Attempted silicon repair (see Peter's talk)
 - Replaced 4 PS for muon scintillator
 - Replaced fan-pack for one of the arches (CASWT)
 - **other work**
 - Lots of L2 upgrade tests
 - fan replacement in L1/L2 trigger rack
- **Controlled access today, July 16**
 - Removed East ISL/L00 PS for maintenance
 - Fixed readout card for Forward Calorimeter
- **Week summary**
 - CDF ran well with above average efficiency
 - Lots of maintenance/preventive work done
 - Lots of L2 upgrade tests

Store summary...



- **$\sim 2,590.3 \text{ pb}^{-1}$ on tape**
- **Added $\sim 25.6 \text{ pb}^{-1}$ this week**

Data taking efficiency



- **Data taking efficiency for the week is 84.5% (ave 81.9%)**